

VICINITY MAP  
NOT TO SCALE

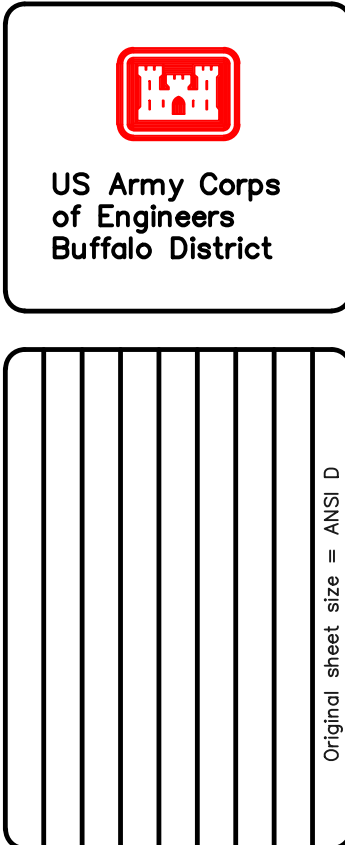
SOUNDING COLOR LEGEND	
<div></div>	DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
<div></div>	DEPTHS AT OR BELOW PROJECT DEPTH
<div>XX.X</div>	PROJECT DEPTH

LEGEND OF SYMBOLS	
17+00 (NEW), 17+00 (OLD)	CHANNEL STATIONING
o 417	CHANNEL CORNER
o H.L.F.	HARBOR LINE CORNER
---	FEDERAL CHANNEL
---	HARBOR LINE
---	SUBMARINE CABLE
o	CAN BUOY
o	NUN BUOY
o	LIGHTED BUOY
o	FIXED LIGHT
o	LIGHT HOUSE
W	LIGHT COLOR WHITE
R	LIGHT COLOR RED
G	LIGHT COLOR GREEN
FL	FLASHING LIGHT
F	FIXED LIGHT
Oc	OCCULTING LIGHT
Iso	EQUAL INTERVAL
AL	ALTERNATING
Q	QUICK (FLASHING)
S	LIGHT CYCLE SECONDS

SITE SPECIFIC NOTES:

- PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 243.3 FEET IGLD 1985.
- HORIZONTAL CONTROL IS REFERRED TO NORTH AMERICAN DATUM 1983 (83/2011 ADJUSTMENT) NEW YORK STATE PLANE COORDINATE SYSTEM-CENTRAL ZONE.
- PROJECT DEPTH IS AS NOTED BELOW LOW WATER DATUM.
- SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D. DELL AND PARTY ON AUGUST 19, 2020 USING:  
GPS POSITIONING: RTK BASE STATION W/RTK TIDES  
SONAR HEAD: 200 KHZ, CEESCOPE  
3 DEGREE TRANSDUCER  
VELOCITY PROFILER: SONTEK CASTAWAY  
HYPACK SURVEY SOFTWARE  
SURVEY LAUNCH: "SMOKERCRAFT"
- THE SOUNDING INFORMATION DEPICTED ON THE MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITION AT THAT TIME.
- THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110-2-1003.

CHANNEL CORNER COORDINATES		
POINTS	NORTHING	EASTING
1	1505636.67	884402.53
2	1505337.84	884376.02
3	1505547.46	885408.26
4	1505261.77	885233.68
5	1506426.25	888403.95
6	1505338.43	887205.08
7	1507041.99	889248.29
8	1505950.31	887980.74
10	1506139.49	888445.68
12	1506391.72	888616.81
14	1506269.67	888783.25
16	1506700.41	889373.90



Drawn by: KPL	Checked by: ACK
Reviewed by: Roman H. Fieger III, PLS	Chief, Survey Section
Approved by: Adam W. Hamm	Date: August 21, 2020
Chief, NY/PA Navigation and Maintenance Section	
To download an electronic version of this map, point a web browser to <a href="http://www.dcd.usace.army.mil/Library/MapandChart.aspx">http://www.dcd.usace.army.mil/Library/MapandChart.aspx</a>	

U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
BUFFALO, NEW YORK 14207-3199

CAPE VINCENT HARBOR, NY  
PROJECT CONDITIONS SOUNDINGS 2020  
SCALE: 1"=200'

Sheet reference number  
**VH-101**  
Sheet 1 of 1